

Title (en)

ELECTRONIC CANCELLATION OF AMBIENT NOISE IN TELEPHONE RECEIVERS.

Publication

EP 0596623 A3 19970102 (EN)

Application

EP 93308341 A 19931020

Priority

US 97100992 A 19921102

Abstract (en)

[origin: EP0596623A2] A noise reducing circuit for electronic receiving instruments, such as telephone receivers (12) in headsets or handsets that are used in noisy locations, provides compensation of the set's receiver unit (11) to-error microphone (13) transfer function to enhance the noise reduction. A further circuit (15) provides pre-conditioning of the incoming voice signal to make the noise cancellation more effective. The tendency of these noise cancelling circuits to oscillate is substantially lessened by added circuitry which rapidly detects onset of oscillation and momentarily reduces the noise cancellation without interrupting the incoming speech path altogether. <IMAGE>

IPC 1-7

H04M 1/19; **H04M 1/60**

IPC 8 full level

H04M 1/00 (2006.01); **H04M 1/19** (2006.01); **H04M 1/60** (2006.01)

CPC (source: EP KR US)

H04M 1/19 (2013.01 - EP KR US); **H04M 1/6016** (2013.01 - EP KR US)

Citation (search report)

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